

Can I solve a variety of word problems?

1. a) Round each number in the calculation $88745 - 56642$ to the **nearest thousand**.

Subtract these rounded numbers to give an approximate answer.

- b) Calculate the actual difference between the two numbers.

2. Calculate $£386.56 + £573.78 + £347.45$

3. At the beginning of the year, there was $£842.64$ in the school budget. By the end of the year, $£784.12$ had been spent.

How much is left in the school fund?

4. At a weekend summer fair, $£1673$ was raised on the Saturday and $£1432$ was taken on the Sunday.

At a similar fair in winter, $£1837$ was raised on the Saturday and $£1084$ was taken on the Sunday.

i) How much was raised altogether?

ii) How much more was raised at the summer fair than at the winter fair?

5. Here are some distances:

Journey	Distance (kilometres)
London to Paris	934 km
London to Rome	1461 km
Paris to Rome	1186 km

A plane flies from London to Rome and then on to Paris.

How much further is this than flying direct to Paris from London?

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6. Round these numbers to the **nearest hundred** to find an estimated answer.

$$6351 + 5624 + 9431$$

7. A ship arrived at a port carrying 4967 tonnes of cargo. 598 tonnes of cargo were unloaded. The ship was then loaded with 3861 tonnes before leaving the port.

How much cargo was on the ship?

8. The organisers of a concert raise £15763 in ticket sales and £1763 selling merchandise.

They have to pay the groups £3650 and pay other expenses of £2515.

How much money do they make for themselves?

9. The populations of the three largest towns in a county were 346754, 124534 and 52971.

What was the total population of these three cities?

10. A company has two factories that make mobile phones.

The company records the number of mobile phones made each year in a table.

	Hillside Factory	Green Lane Factory
2012	341675	275643
2013	294631	413054

a) How many more mobile phones were made in 2013 than in 2012 by the Green Lane Factory?

b) How many more mobile phones were made by the Hillside factory than the Green Lane Factory in 2012?

11. I am thinking of two numbers.

One of the numbers is 71934.

The difference between this number and the other is 43341.

What is the other number?